

Analgesic Titration Data*Concentration of NaOH**0.0940 mol/L**0.0001***Salicylic Acid (Pure)**

Run	Mass	Volume NaOH	
1	0.39	31.20	
2	0.30	25.06	
3	0.35	18.90	
4	0.37	1.91	
5	0.31	29.53	
6	0.35	29.62	
7	0.37	31.11	
8	0.31	28.61	
9	0.33	30.80	
10	0.42	34.55	
11	0.33	29.79	

Aspirin*325 mg*

Run	Mass	Volume NaOH	
1	0.39	22.25	
2	9.37	21.99	
3	0.39	21.60	
4	0.39	20.80	
5	0.38	21.89	
6	0.39	22.01	
7	0.38	21.02	
8	0.37	21.31	
9	0.39	21.95	
10	0.41	20.60	
11	0.37	22.20	

Buffered Aspirin**325 mg**

Run	Mass	Volume NaOH	
1	0.69	21.15	
2	0.67	20.63	
3	0.71	20.08	
4	0.69	5.60	
5	0.69	21.20	
6	0.75	21.20	
7	0.67	29.73	
8	0.69	21.20	
9	0.68	22.10	
10	0.68	16.60	
11	0.69	20.33	

Acetoaminophen **500 mg**

Run	Mass	Volume NaOH	
1	0.62	10.70	
2	0.54	9.12	
3	0.55	6.42	
4	0.56	6.10	
5	0.58	12.38	
6	0.58	9.10	
7	0.57	9.81	
8	0.56	12.30	
9	0.55	8.55	
10	0.56	7.90	
11	0.55	3.38	

Ibuprofen ***200 mg***

Run	Mass	Volume NaOH	
1	0.33	20.35	
2	0.33	18.76	
3	0.32	9.8	
4	0.32	0.9	
5	0.36	10.72	
6	0.36	11.82	
7	0.34	4.13	
8	0.34	11.12	
9	0.37	12.15	
10	0.36	10.42	
11	0.33	12.28	